ABSTRACT

PT Telekomunikasi Indonesia (Persero) Tbk. or known as Telkom is one of the State-Owned Enterprises which engaged in Information and Telecommunications Technology services. SAP R/3 is one of the product technology of SAP used by Telkom. This product technology applies the client/server system concept and three-tier application architecture. In this system concept requires the support of a database server that is used as a data storage. Telkom's production database servers have consumed large capacity, this is due to an increase in the number of payment customer data transactions in POTS segment. This result in some disruption to business activities in functionality or technical aspects, including downtime system, takes longer to backup/restore data that causes failure, and reduced system performance. To overcome the problem, Telkom is conducting a data reduction process to new servers on the SAP system. To prepare for the data reduction process, the new server needs to ensure that each SAP system transaction can run as before.

Therefore, testing is needed to test each transaction unit on the SAP system on a new server. Tests carried out using the integration testing method to determine if there are defects or bugs in the system and user acceptance testing (UAT) method to ensure the transactions running on the system meets the requirements of users.

Keywords: POTS, SAP, *Black Box Testing, SIT, UAT*